

From qrp-1@lehigh.edu Tue Jul 4 19:03:31 1995
From: Goran Hosinsky <hosinsky@royac.iac.es>
Subject: [1461] 10 MHz freq range?
Message-ID: <9507041950.AA06684@royac8.royac.iac.es>

Sorry about the bandwidth! I am staying at the observatory tonight and I have just finished building the SW30 rtx. Now I am trying to align the VFO with a freq counter. But what is the QRP freq. range on 30 meters? Have my notes at home, so please tell me.

73 Goran ea8yu hosinsky@royac.iac.es

From qrp-1@lehigh.edu Tue Jul 4 19:03:31 1995
From: jess.gypin@dinosaur.com
Subject: [1456] 30 meter contacts
Message-ID: <9507032319.0WRNR00@dinosaur.com>

Hi all,

Not as impressive as most, but thought you might be interested in my casual contacts on 30 meters as of the first of June at QRP power levels. Please note that some of the contacts were made at 700 mils or less. The low power rig is a SWL-30 at about 500-700 mils and the 5 watt contacts were made with A&A Eng rig. Antennas were a dipole at 25 feet and an R7 vertical. For some reason so far, the R7 wins at the lower power levels, but this could be coincident with the times that I am operating. Hope that this is of some interest to all.

DATE	TIME	CALLSIGN	SENT	RECEIVED	POWER	QTH
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Jun 3, 1995	0130	PY2OW	559	559	5	BRAZIL
Jun 3, 1995	0346	W6EMT	559	559	5	Bellevue, WA 98005
Jun 7, 1995	0418	K3WWP	449	449	5	Kittanning, PA
16201						
Jun 8, 1995	0338	W5BLR	559	559	5	Port Arthur, TX
77640						
Jun 9, 1995	0302	UR4WWT	579	579	5	UKRAINE
Jun 9, 1995	0355	VE3XEM	339	339	5	Fort Frances, ON
P9A2L4						
Jun 10, 1995	0206	AA2PF	559	559	5	Buffalo, NEW YORK
Jun 10, 1995	0452	AA9MU	539	539	5	Angola, INDIANA
Jun 10, 1995	0507	N9DD	539	539	5	South Bend, IN
46628						

Jun 10, 1995	1301	AA1KL	559	559	5	NEW HAMPSHIRE
Jun 11, 1995	0452	K4GLU/NA63	559	559	5	ALABAMA
Jun 11, 1995	0504	WB6AAM	459	459	5	Los Angeles, CA
90042						
Jun 11, 1995	0518	VE7EII	569	569	5	Kamloops, BC
V2C6C2						
Jun 11, 1995	0530	WB9ZPK	539	579	5	Lancaster, CA
93535						
Jun 11, 1995	0536	FK8HC	559	559	5	NEW CALEDONIA
Jun 19, 1995	0357	VE7IBR	339	339	5	Mission, BC V2V4H9
Jun 24, 1995	1400	W0GFF	559	559	.7	Deluth, MN
Jun 30, 1995	0253	W7MID	549	439	.5	Phoenix, AZ 85004
Jun 30, 1995	0257	NA83/K4GLF	449	449	.5	W. VIRGINIA
Jul 1, 1995	0437	KC7CRN	549	549	5	Tualatin, OREGON

Hope that you all are having as much fun on 30 this summer as I am.

72/73 Jess N0TFI

From qrp-1@lehigh.edu Tue Jul 4 19:03:31 1995
From: Aa4xx <aa4xx@nando.net>
Subject: [1457] Beacon Results
Message-ID: <Pine.SUN.3.90.950704100727.12191A-100000@merlin.nando.net>

Hi gang,

A total of six stations have copied the 1 milliwatt beacon from Raleigh, North Carolina, and three stations have copied the 500 microwatt beacon. Of these three, AA4ZX/8 (Dave in WV) and KE2DI (Keith in upstate NY) have successfully copied the four letter codeword.

I'll leave the beacon running until 11PM EDT tonight, July 4th. At 11 AM today, the power will be lowered to 250 microwatts, and it will remain at this level untill 11 PM. A new codeword will be used.

Thanks to everyone who has listened and passed on results. Happy July 4th de Paul

Here's a list of those who have notified me so far:

7052.0 Beacon @ 1 Milliwatt Output

AA4ZX/8	WV	2005Z	
KE2DI	NY		
WA2ROW	NY	2200Z	S5 sig
KD1XS	CT	0100Z	
WB8YGG	NY	0025Z	

7052.0 Beacon @ 500 Microwatts Output

AA4ZX/8	WV		Copied codeword "Luck"
KE2DI	NY		Copied codeword "Luck"
AA8LF	MI	1633Z	Copy too weak for codeword confirmation

The beacon message is as follows :

VVV VVV VVV 250 microwatts <4 letter codeword> de AA4XX/B

Good luck, and Happy Listening!

Paul, AA4XX (919) 779-1637

From qrp-1@lehigh.edu Tue Jul 4 19:03:31 1995
From: CQC@aol.com
Subject: [1463] CQC FD
Message-ID: <950704163539_107794206@aol.com>

I enjoyed reading the FD postings from a number of the clubs. Interesting reading. Lots of good information, too.

The Colorado QRP Club held its second QRP FD in a beautiful wooded area of the plains about one hour southeast of Denver. We were in a residential area with antennas and supports in the "back yard" of two beautiful homes. Our elevation was about 6900 feet (over 1500 feet higher than Denver). Lots of tall trees.

We started setup at noon Friday, but had to stop for four hours with rain and lightning. We had one hour before darkness giving us enough time to put up only one tower.

We resumed setup at 7:30 a.m. Saturday. Because of the four hour delay, we got a bit of a late start. Not all stations were ready to go at noon. We were in the 3A Battery class with the additional Novice/Tech+, VHF/UHF and packet stations.

Our FD chairman, Paul, KF7MD, did a fabulous job preparing every item. Detailed instructions, diagrams, etc. made it very easy to set up. Three towers were put up with antennas mounted. The heavier 49 foot AX tower was put up with rotator mounted, but without antennas. The only mishap was on this tower. The tri-bander was dropped from 49 feet. Ouch! Luckily it landed on the end of the mast and we were able to repair it and get it up on the tower. The 40 foot tower with the 15 meter mono-bander and the 34 foot aluminum tower with the 10 meter mono-bander went up very easily. The 60 foot aluminum tower with the 6 and 2 meter beams went up in one piece with antennas and rotator mounted. It went up very easily, too, thanks to ropes over high branches of nearby trees. Paul's system of pulling up these towers in one piece was flawless. All towers were able to be climbed.

The N/T+ station was set up by KB0LMQ and KB0SRY. Since we could not help, it gave them a real challenge. They did quite well. Their windom antenna was up over 50 feet with the aid of a slingshot and nylon fish line.

Band conditions were not very good on Saturday. We had a few hours in the middle of the night when all 3 stations were not on the air at one time.

Sunday was much better. Our rigs were all Kenwood or Atlas type rigs. This is the first time that I have used the voice keyer in a TS-850S/AT and I'm hooked. It and the c.w. memory keyers sure reduced stress and fatigue.

We worked all bands from 80 through 2 meters. The band opened for several

hours Sunday for 6 meters. Ten meters was open, too.

I do not have totals yet, but the total QSOs should be in the 1150 area.

Antennas:

80m: Inverted vee (50'); delta loop (50')

40m: 4 element wire array pointed east (50') ; delta loop; dipole (50')

20m: 6 element wire array pointed east (50'); delta loop (50'); tri-bander (50')

15m: 3 element mono-bander (45'); tri-bander

10m: 3 element mono-bander (36'); tri-bander

6m: 5 element beam (60')

2m: 11 element beam (65'); 4 element beam (26') (packet)

N/T+: windom (50'+)

We had some good ops including K0FRP, W2CRS and others. Thirteen ops total and 2 dedicated loggers who did not operate.

It was a great FD again and we were invited back to the same QTH next year.

I think we might utilize the trees more and reduce the number of towers. It sure was nice have a good FD QTH, great chairman, good operators and good antennas. We are looking forward to FD 1996.

72,

Rich W0HEP

Colorado QRP Club

From qrp-l@lehigh.edu Tue Jul 4 19:03:31 1995

From: plquick@facstaff.wisc.edu (Paulette Quick, N9OUH)

Subject: [1464] CW and Relays

Message-ID: <199507042112.QAA28723@audumla.students.wisc.edu>

Ok, another basic question. Today's topic is cw sending and relays.

Earlier today I had a pleasant QSO with AA8DL. I was using a straight key and my TS830S.

The rig has relays, and (I'm embarrassed to say this) my custom has been to send a character, let the relays click, then do another character. Today, thinking that I was slowing myself down, I tried to send whether or not the relays completed their process. This messed up my cw sending as it seemed I was in competition with the relay click, so my timing was off.

Yes, I know, use my paddle and a keyer. Will do. However, I am still interested in what is the best methodology for sending cw with a rig that uses relays.

Tnx and 73 de N9OUH
PQ
Paulette Quick
plquick@facstaff.wisc.edu

From qrp-1@lehigh.edu Tue Jul 4 19:03:31 1995
From: "Jerry B. Altzman" <jbaltz@scisun.sci.ccny.cuny.edu>
Subject: [1460] Dan's parts and kits
Message-ID: <CMM.0.90.0.804877137.jbaltz@scisun.sci.ccny.cuny.edu>

I got kicked off the list when it moved from netcom to lehigh, and I may have missed this discussion (I wasn't on for about a month and didn't miss it(!) because I have been busy with my little intermodulation product.)

What happened to Dan's Parts and Kits? The last I heard, he had moved from Montana but no one knew if he was back in the Parts and Kits business.

Anyone know?

Thanks.

//jbaltz

jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@sci.ccny.cuny.edu jbaltz@columbia.edu KE3ML (HEPNET) NEVIS::jbaltz

From qrp-1@lehigh.edu Tue Jul 4 19:03:31 1995
From: av440@freenet.Buffalo.EDU (Tom T. Shaffer)
Subject: [1454] QRP/homebrew help needed!
Message-ID: <199507032327.TAA02377@freenet.buffalo.edu>

Hi! i need some help and im at my wits end now..

i need some help/advice and expert knowlage..

1) what are some good places to get info on building QRP/homebrew equip
for Transmitting - Receiving or both

2) are there step by step instructions with this?

3) are there parts lists? not get a capacitor, whatever will do, i mean part by part and such?

4) anything you can tell me or send me is helpfull even a great recipie on corn flakes will be great if i can build a radio out of it... anything 2m 160m it dosent matter..

thanks!
txs & 73 de kb2uri

p.s. can you tell im at my wits end?

thanks again!

--

--Tom T. Shaffer----- 80) ----- av440@freenet.buffalo.edu -----
| KB2URI | Fan of: TYO's, Ab-Fab, MPFC & Clas. Rock! |
| | MST3K member #10102, Don and Mike R Back! on 1370Am Buf,Ny |
--If your M. Palin, E. Idle, W. Shatner or Anyone MAIL ME!!! :) -----

From qrp-1@lehigh.edu Tue Jul 4 19:03:31 1995
From: PDouglas12@aol.com
Subject: [1459] Rit for SWL rig
Message-ID: <950704125630_107687092@aol.com>

I have one of NN1G's Small Wonders Labs rigs on 80 in his handsome cabinet. Incidentally, I like it a lot. I have bought the RIT board from Dave, but I have been procrastinating about putting it in because I haven't missed it too much so far. In surveying the job, I notice that there is very little room in the cabinet to squeeze the RIT option into it, and I need to find a submini 10k linear pot with a 1/8" shaft. Anybody got one to sell or know who has 'em? Anyone yet done the mod neatly? Advice welcome.
72, Preston WJ2V

From qrp-1@lehigh.edu Tue Jul 4 19:03:31 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: [1455] Re copper-top tester
Message-ID: <1995Jul03.213403.19580@wb3ffv.ampr.org>

There was a recent posting by Jim Osburn, WD9EYB, on using the 9 volt version of the "copper top" battery tester as a QRP dummy load. I included an article on the same subject in my Idea Exchange column in the July 1993 issue of the QRP Quarterly. It was written by Jim Johns, KA0IQT, and his report was pretty much along the same lines.

I won't post it here, since I'd prefer to have him know about it before I do, but here are my comments which followed his article in the same issue--

WA8MCQ COMMENTS ON THE COPPER-TOP LOAD

I played around with a couple of these and had a ball. The resolution isn't very good, with only 3 bars, but it's very small and light. Making a permanent connection can be tricky since the contacts don't take too kindly to soldering iron heat; these things were intended to be cheap and disposable. You could try clamping onto them with some washers and screws. The two I checked measured 62 and 65 ohms on my Fluke 77; not a perfect match to 50 ohms, but still useful. They have plus and minus marks printed on them, but you can ignore those; there is nothing polarized, just some resistors, and it works equally well either way. (My guess--the company probably found it easier to print polarity marks than to field a lot of phone calls asking which way to use it!) Give it a try--it's almost free (you had to buy the battery anyhow, so why not this brand?), as well as unique and a lot of fun.

--DE WA8MCQ

And as Jim O. discovered the hard way, these things are not powerhouses! A film resistor printed on heavy paper, intended to be a dirt cheap, disposable item, can't be expected to handle a lot of power :-)) Still, they're neat little things to play around with.

73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
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The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Tue Jul 4 19:03:31 1995
From: JimN00CT@aol.com
Subject: [1458] Re: Pixie 2 motorboating
Message-ID: <950704110640_25012182@aol.com>

David Johnson writes:

I used 2n3904 transistors, and a 7809 regulator which provides about 8.6v from a 12v bat. Pretty much all else is standard. Oh, I put a 10uF electrolytic across the input of the regulator to ground, and it affected the freq of the

"motorboating" (higher freq with the cap) but still it's out of control. Also tried 0.1 uF cap across the output of the reg to gnd; no affect apparent. HELP!

Why the 7809? run it from +12 volts--the transistors will handle it, and the LM386 will handle up to +15 Vdc. It may not be getting enough current (the LM 386). I tried to put a current limiting resistor in the +12 line (safety precaution I try to always use with ugly constructed rigs), and had all kinds of motorboating. Took it out and it was gone.

I'd say lose the 7809.

73, Jim N00CT

From qrp-1@lehigh.edu Tue Jul 4 19:03:31 1995
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [1462] Re: Plessey IC's
Message-ID: <Pine.3.89.9507041335.B3012-0100000@dt1.datatamers.com>

Randy,

Here is at least one US office: GEC Plessey Semiconductor
1500 Greenhills Road
Scotts Valley, CA 95066

The British address is: Plessey Semiconductors Limited
Cheney Manor, Swindon, Wiltshire, UK

Phone: 901793) 518000
FAX: Swindon (01793) 518411

Hope this helps. 72, Dave, W6EMD

On Mon, 3 Jul 1995, Randy Pelt wrote:

> I'm really thinking about building the multiband transceiver in the latest
> RSGB handbook. This thing is loaded with Plessey IC's. Does anyone know
> where I can get Plessey IC's??? I know they are British IC's, but I would
> think there's got to be a U.S. distributor.
>

> Can anyone help??? Thanks

>

>

>

> Ranson J. Pelt

> Internal Audit Manager

> pelt@vt.edu

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